

## EAST Search History

| Ref # | Hits | Search Query                                    | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 579  | device bay                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ              | ON      | 2006/10/27 10:10 |
| L2    | 27   | 11 same (USB same ("1394" or firewire))         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ              | ON      | 2006/10/27 10:11 |
| L3    | 15   | device bay controller                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ              | ON      | 2006/10/27 10:11 |
| L4    | 2    | ("6061746").PN.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | OFF     | 2006/10/27 10:20 |
| L5    | 2    | ("4191942").PN.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | OFF     | 2006/10/27 11:21 |
| L6    | 1    | L5 and (analog switch and (MUX or multiplexer)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ              | ON      | 2006/10/27 11:45 |

## EAST Search History

|    |    |   |  |     |    |                  |
|----|----|---|--|-----|----|------------------|
| L7 | 49 | (US-20050198399-\$ or<br>US-20050240713-\$ or<br>US-20050251609-\$ or<br>US-20050182881-\$ or<br>US-20030172263-\$ or<br>US-20030038177-\$ or<br>US-20050066102-\$ or<br>US-20040133712-\$ or<br>US-20030112567-\$ or<br>US-20050233643-\$ or<br>US-20050114587-\$ or<br>US-20040039854-\$ or<br>US-20050258243-\$ or<br>US-20050216628-\$ or<br>US-20060054696-\$ or<br>US-20040201952-\$ or<br>US-20040059860-\$ or<br>US-20030211784-\$ or<br>US-20020178207-\$ or<br>US-20030041284-\$ or<br>US-20030084220-\$).did. or<br>(US-6970964-\$ or<br>US-7044767-\$ or US-6760248-\$<br>or US-6839864-\$ or<br>US-6807597-\$ or US-5920731-\$<br>or US-6941405-\$ or<br>US-6684283-\$ or US-5930496-\$<br>or US-6122175-\$ or<br>US-7008240-\$ or US-6832281-\$<br>or US-6859369-\$ or<br>US-6898766-\$ or US-6570767-\$<br>or US-6438638-\$ or<br>US-6945461-\$ or US-6470284-\$<br>or US-6718274-\$ or<br>US-6991492-\$ or US-6132223-\$<br>or US-7059913-\$ or<br>US-6488542-\$ or US-7070453-\$<br>or US-6402558-\$ or<br>US-6984152-\$).did. or<br>(US-6061746-\$).did. or<br>(US-20050138288-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                     | ADJ | ON | 2006/10/27 11:23 |
| L8 | 6  | 17 and (MUX or multiplexer)   | US-PGPUB;<br>USPAT;<br>DERWENT                                     | ADJ | ON | 2006/10/27 11:24 |
| L9 | 26 | USB hub same (mux or<br>multiplexer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/27 11:45 |

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|      |      |   |  |     |     |                  |
|------|------|---|--|-----|-----|------------------|
| L10  | 1    | cardbay with (voltage or volt\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/27 11:58 |
| L11  | 1    | cardbay with (voltage or volt\$1<br>or "3.3V" or 5V)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/27 11:59 |
| L12  | 23   | cardbus with (voltage or volt\$1<br>or "3.3V" or 5V)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/27 12:01 |
| L13  | 1662 | ("3.3V" or "3.3 volt\$1") with<br>(5V or "5 volt\$1")                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/27 12:03 |
| L14  | 5    | 113 same (cardbus or cardbay)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/27 12:03 |
| S156 | 2    | expresscard with adapter\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/20 13:11 |
| S157 | 16   | express card with adapter\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/20 13:15 |
| S158 | 11   | ((("6932623") or ("6902435") or<br>("6547603") or ("6381144") or<br>("6132223"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2006/10/20 13:27 |

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|      |     |  |  |     |    |                  |
|------|-----|--|--|-----|----|------------------|
| S159 | 3   | "7059913"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/20 13:29 |
| S160 | 61  | expresscard  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/20 13:35 |
| S161 | 95  | pcmcia same passive same<br>(adaptor or adapter or card)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 14:00 |
| S162 | 55  | (PC card\$2 or PCMCIA card\$2)<br>with passive                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 12:59 |
| S163 | 146 | (PC card\$2 or PCMCIA card\$2)<br>with (passive card\$2 or adapter<br>card\$2) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 13:33 |
| S164 | 63  | expresscard  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 13:33 |
| S166 | 37  | newcard  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 13:35 |
| S167 | 403 | express card   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 13:44 |

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|      |     |  |  |     |    |                  |
|------|-----|--|--|-----|----|------------------|
| S168 | 83  | (pcmcia card or pc card or cardbus) with (USB) with adapter    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 13:53 |
| S169 | 162 | pc card adapter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 13:54 |
| S170 | 0   | S169 with passive  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 13:54 |
| S171 | 6   | pcmcia same passive same (adaptor or adapter or card) same USB | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 13:56 |
| S172 | 253 | USB adapter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 13:58 |
| S173 | 17  | S172 with (PCMCIA or cardbus)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 13:56 |
| S174 | 19  | USB adapter near2 card\$2                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 13:58 |
| S175 | 6   | S161 same (USB or universal serial bus)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 14:00 |

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|      |      |  |  |     |    |                  |
|------|------|--|--|-----|----|------------------|
| S176 | 14   | cardbus USB  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 14:22 |
| S177 | 2    | USB "2.0" adapter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 14:27 |
| S178 | 981  | USB with port\$2 with PCMCIA                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 14:27 |
| S179 | 718  | USB with port\$2 with PCMCIA<br>with card\$2               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 14:28 |
| S180 | 590  | USB near3 port\$2 with<br>PCMCIA with card\$2              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 14:28 |
| S181 | 10   | USB near3 port\$2 with cardbus<br>with card\$2             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 14:49 |
| S182 | 9413 | (PCMCIA or expresscard or<br>cardbus or newcard) and "34"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 14:50 |
| S183 | 1033 | (PCMCIA or expresscard or<br>cardbus or newcard) same "34" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 14:51 |

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|      |     |                                    |  |     |     |                  |
|------|-----|------------------------------------|--|-----|-----|------------------|
| S184 | 55  | (expresscard or cardbus) same "34" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/24 15:06 |
| S185 | 2   | ("6122175").PN.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2006/10/24 15:08 |
| S186 | 2   | ("5457601").PN.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2006/10/24 15:14 |
| S188 | 2   | ("20040201952").PN.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2006/10/24 15:54 |
| S189 | 2   | ("6488542").PN.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2006/10/24 16:02 |
| S190 | 46  | "094915"                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/24 16:03 |
| S191 | 1   | JP 2003-094915                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/24 16:19 |
| S192 | 313 | PCMCIA card with (USB)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/24 16:20 |

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|      |      |   |  |     |    |                  |
|------|------|---|--|-----|----|------------------|
| S193 | 153  | S192 with (connector\$2 or socket\$2 or port\$2)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 16:20 |
| S194 | 73   | PCMCIA card with (USB) near4 (connector\$2 or socket\$2 or port\$2) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 16:22 |
| S195 | 1095 | "361"/\$.ccls. and (expresscard or newcard or pcmcia)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 16:22 |
| S196 | 5    | "361"/\$.ccls. and (expresscard or newcard)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 16:24 |
| S197 | 538  | "361"/\$.ccls. and (pcmcia card)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 16:24 |
| S198 | 54   | "361"/\$.ccls. and (pcmcia card with adapter)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 16:29 |
| S199 | 27   | pcmcia card adapter   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 16:31 |
| S200 | 365  | pcmcia same memory card with adapter                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON | 2006/10/24 16:32 |



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|      |     |   |  |     |     |                  |
|------|-----|---|--|-----|-----|------------------|
| S201 | 336 | pcmcia with memory card with adapter                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/24 16:35 |
| S202 | 189 | memory card adapter   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/24 16:42 |
| S203 | 10  | memory card adapter same (PCMCIA or pc card or expresscard) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/24 16:43 |
| S204 | 23  | cardbay   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/25 09:51 |
| S205 | 104 | passive adapter   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/25 09:51 |
| S206 | 51  | S205 and (PCMCIA)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/25 11:17 |
| S207 | 97  | expresscard\$1 or newcard\$1                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/25 11:19 |
| S208 | 2   | ("6857038").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2006/10/25 11:45 |

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|      |     |                                       |  |     |     |                  |
|------|-----|---------------------------------------|--|-----|-----|------------------|
| S209 | 4   | ((("6385677") or ("6712277")).<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | OFF | 2006/10/25 11:51 |
| S210 | 31  | "6061746"                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/26 16:51 |
| S211 | 227 | pcmcia adapter                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | ADJ | ON  | 2006/10/27 10:09 |